| Index of Claims                 |                            |                        |          |           |                 |                |                | Application/Control No. |          |                 |                    |            |            |                    |         |          |          | Applicant(s)/Patent under . Reexamination |                |         |   |  |  |  |
|---------------------------------|----------------------------|------------------------|----------|-----------|-----------------|----------------|----------------|-------------------------|----------|-----------------|--------------------|------------|------------|--------------------|---------|----------|----------|---|----------------|---------|---|--|--|--|
|                                 |                            |                        |          |           |                 |                | 10/784,585     |                         |          |                 |                    |            |            |                    |         |          |          | LONG ET AL.                               |                |         |   |  |  |  |
|                                 |                            |                        |          |           |                 |                | Examiner       |                         |          |                 |                    |            |            |                    |         |          | Art Unit |   |                |         |   |  |  |  |
|                                 |                            |                        |          |           |                 |                |                | Wesley D. Markham       |          |                 |                    |            |            |                    |         |          | 1762     |   |                |         |   |  |  |  |
| √ Rejected                      | - (Through numer Cancelled |                        |          |           |                 | al)            | ]              | N                       | ١        | Non-            | Ele                | cted       | 7          | A                  | Appeal  |          |          |   |                |         |   |  |  |  |
| = Allowed                       | +                          | Restricted             |          |           |                 |                | 1              |                         | nter     | erference       |                    |            | 0          |                    |         |          | 1        |   |                |         |   |  |  |  |
| Claim Date                      | Claim                      |                        |          |           |                 | <u></u>        |                |                         |          |                 | <u></u>            | $\Box$     | Date       |                    |         |          |          |   | 1              |         |   |  |  |  |
|                                 |                            |                        |          |           | T               | <u> </u>       | Dat            | E                       | Π        | П               | -                  |            | Claim      | h                  | $\Box$  | Т        | Date     | e<br>                                     | Т              | Т       |   |  |  |  |
| Final Original 3/05 9/05 2 9/05 |                            |                        | Final    | Original  |                 |                |                |                         |          | $\  \ $         |                    | Final      | Original   |                    |         |          |          |   |                |         |   |  |  |  |
| 0000                            | H                          | $\dashv$               |          | 51        | +               |                | +-             | ╀                       | ┝        | ╁╌┼             | -                  | _          | 101        | +                  |         | ╀        | ╀        | Н   | +              | +       |   |  |  |  |
| 2 1 2                           |                            |                        |          | 52        | $\Box$          | $\blacksquare$ | 1              |                         |          |                 | $\exists$          |            | 102        |                    | $\perp$ | T        |          |   |                | 丰       |   |  |  |  |
|                                 | $\vdash$                   | -                      | $\vdash$ | 53<br>54  | ╁┤              | $\dashv$       | ╁              | ╁                       | ┝        | +               | -                  | -          | 103<br>104 | $\vdash$           |         | ╁        |          | Н   | $\dashv$       | ╁       |   |  |  |  |
| 5                               |                            |                        |          | 55        |                 |                | L              |                         | 匚        |                 |                    |            | 105        |                    |         | 1        |          |   |                |         |   |  |  |  |
| 6 7                             | Н                          | -                      | $\vdash$ | 56<br>57  | ╫               | +              | ┼-             | ╀                       | ├        | ╁┼              | -                  | -          | 106        | +1                 | +       | ╀        | Н        | Н   | -              | +       |   |  |  |  |
| 8                               |                            |                        |          | 58        |                 |                | İ              |                         |          |                 |                    |            | 108        |                    |         |          | Н        | Н   |                | +       |   |  |  |  |
| 9 1 1 1                         | Н                          | _                      |          | 59<br>60  | +-1             | -              | $\perp$        | $\vdash$                |          |                 | _                  |            | 109        | П                  |         | Ļ        | $\Box$   | П   |                | $\top$  |   |  |  |  |
| 11                              | H                          |                        |          | 61        | +               | 十              | +              | ╁                       | ┝        | H               | -                  | -          | 110<br>111 | H                  | ┿       | ╁        | Н        | Н   | +              | ╁       |   |  |  |  |
| 12                              |                            |                        |          | 62        | $\Box$          |                | T              |                         |          |                 |                    |            | 112        |                    |         |          |          |   |                |         |   |  |  |  |
| 14                              | $\vdash$                   | -                      |          | 63<br>64  | ++              | +              | -              | ┝                       | <u> </u> | $\vdash$        | -                  | <u> </u>   | 113<br>114 | $\sqcup$           | +       | ┿        | H        | Н   | +              | 1       |   |  |  |  |
| 15                              | Ħ                          |                        |          | 65        | 廿               |                | -              | ┢                       | ┢╌       |                 | $\dashv$           | -          | 115        | +                  | +       | ╁        | $\vdash$ | Н   | $\dashv$       | ╁       |   |  |  |  |
| 16 V V V                        |                            | _                      |          | 66        | П               | $\Box$         | Τ              |                         |          |                 |                    |            | 116        |                    |         |          |          |   |                |         |   |  |  |  |
| N8 7 7                          | Н                          | -                      |          | 67<br>68  | ╁╌┼             | +              | ╁              | ┝                       | H        | ╁╌╁             | -                  | -          | 117<br>118 | H                  | -       | ╀        | Н        | $\left  \cdot \cdot \right $              | +              | ╄       |   |  |  |  |
| Te III                          |                            |                        |          | 69        |                 |                |                |                         |          |                 |                    |            | 119        |                    |         | 十        |          | H   | +              | †       |   |  |  |  |
| 26                              | $\vdash$                   |                        |          | 70<br>71  | +               | +              | ┿              | H                       | L        |                 | -                  |            | 120        | Н                  | $\perp$ | Ι.       |          |   | $\blacksquare$ | $\perp$ |   |  |  |  |
| 22 111                          | $\Box$                     |                        |          | 72        | +               | ┿              | $\vdash$       | $\vdash$                | $\vdash$ | $\vdash$        | $\dashv \parallel$ | -          | 121<br>122 | ┤┤                 | -       | ╁        | H        | $\vdash$                                  | +              | ╁╌      |   |  |  |  |
| 33 111                          |                            |                        |          | 73        | П               | $\Box$         |                |                         |          | П               |                    |            | 123        |                    |         |          |          |   | 工              |         |   |  |  |  |
| X ///<br>X MM                   | H                          | -                      |          | 74<br>75  | ╁┤              |                | ╁              | H                       | -        | ₩               | -                  | -          | 124<br>125 | ╁╾╂                | +       | ╀        | Н        | Н   | -              | +       |   |  |  |  |
| 26                              |                            |                        |          | 76        |                 |                |                |                         |          |                 |                    |            | 126        |                    | 1       | 上        | П        | $\dashv$                                  | _              | ╅       |   |  |  |  |
| 27 28                           | Щ                          | -                      |          | 77<br>78  | $\dashv \dashv$ | _              | ↓_             | ·                       |          | $\sqcup$        | _                  |            | 127        |                    | $\bot$  | I        |          | $\Box$                                    |                |         |   |  |  |  |
| 29                              |                            | -                      | $\dashv$ | 79        | +               | +              | ╁╌             | -                       | ┝        | $\vdash$        | -                  | $\vdash$   | 128<br>129 | H                  | +       | ╁        | Н        | $\dashv$                                  | -              | ╁       |   |  |  |  |
| 30                              | $\square$                  |                        |          | 80        | $\Box$          |                |                |                         |          |                 |                    |            | 130        |                    |         |          |          |   | 士              |         |   |  |  |  |
| 31 32                           | ╂╌┤                        | -                      |          | 81        | +               | +              | ╁              | H                       | L        | $\vdash \vdash$ | -                  | <u> </u> - | 131        | $\vdash$           | _       | ╄-       | Н        |   | 4              | 1       |   |  |  |  |
| 33                              |                            |                        |          | 83        |                 |                |                |                         |          |                 |                    | -          | 133        |                    | +       | ┿        | Н        | +   | +              | +       |   |  |  |  |
| 34 35                           | $\vdash$                   |                        |          | 84<br>85  | $\sqcup$        | -              | $\vdash$       |                         |          |                 | $\Box$             |            | 134        |                    | $\perp$ | $\Box$   |          |   |                |         | 1 |  |  |  |
| 36                              | H                          | $-\parallel \parallel$ |          | 86        | ╁┼              | +              | ╁╌             | Н                       |          | ╁               | $\dashv$           | <b> </b>   | 135<br>136 | H                  |         | ┢        | $\vdash$ | $\dashv$                                  |                | ╀       |   |  |  |  |
| 37                              | П                          |                        |          | 87        |                 |                |                |                         |          |                 |                    |            | 137        |                    | _       | 上        |          |   |                | T       |   |  |  |  |
| 38                              | $\vdash$                   | -{  }                  | -        | 88        | ╂╼╂             |                | ╀              | Н                       | _        | ├┼              | -                  | <u> </u>   | 138        | $\vdash$           | _       | $\vdash$ | Н        | $\Box$                                    | 4              | $\perp$ |   |  |  |  |
| 40                              |                            |                        |          | 90        | $\pm \dagger$   | <u></u>        |                | Н                       |          |                 | -                  | $\vdash$   | 139        | ╀                  | +       | $\vdash$ | H        | $\dashv$                                  | +              | +       |   |  |  |  |
| 41 42                           | $\square$                  | $\exists \parallel$    |          | 91        | П               | $\perp$        | $\Box$         | 口                       |          |                 | $\exists$          |            | 141        | $\Box$             | 工       |          | 口        | $\Box$                                    | 工              |         |   |  |  |  |
| 42                              | $\vdash \vdash$            |                        | $\dashv$ | 92        | ╁┼              | +              | $\vdash$       | Н                       | -        | $\vdash$        | -                  | -          | 142        |                    | +       | ╀        | dash     | 4   | +              | +       |   |  |  |  |
| 44                              |                            |                        |          | 94        | 口               |                |                |                         |          | 士               |                    |            | 144        |                    | 士       |          |          | _   | +              | ╁┤      |   |  |  |  |
| 45 46                           | $\vdash \vdash$            | -                      |          | 95<br>96  | 1-1             | $\perp$        | $oxed{\sqcup}$ | $\sqcup$                |          | $\Box$          | -                  |            | 145        |                    | T       | E        | П        | 7   | $\bot$         |         |   |  |  |  |
| 47                              |                            |                        |          | 97        | ++              | +              | H              | $\dashv$                | -        | $\vdash$        | ┨║                 | ┢          | 146<br>147 | H                  | +       | $\vdash$ | Н        | $\dashv$                                  | +              | +       |   |  |  |  |
| 48                              | П                          |                        |          | 98        | $\Box$          | 1              | $\square$      | 耳                       |          |                 | ]                  |            | 148        |                    | 工       |          |          | 士   | 土              | 口       |   |  |  |  |
| 50                              | $\vdash$                   | -                      |          | 99<br>100 | ++              | +              | $\vdash$       | $\dashv$                |          | -+              | +                  | -          | 149        | ${oldsymbol{ert}}$ | +       | $\vdash$ | Н        | +   | +              | $\Box$  |   |  |  |  |
|                                 | _                          |                        |          |           |                 |                |                | _                       |          |                 |                    |            |            |                    |         |          | _        |   |                |         |   |  |  |  |